

HDMI Output Frame Rate Change and OSD Setting

Series 1

Adapt Models : Q30T, Q30T pro, U30T, U30T pro, U30TIR, U30TIR-50, Q30TIR, Z30TIR, Z10TL, Z30TL, Z30TM, Q30TIRM

Software: Cloud Platform Control V1.991

1. Connect computer and gimbal serial port by a USB to TTL cable

1) Connection method:

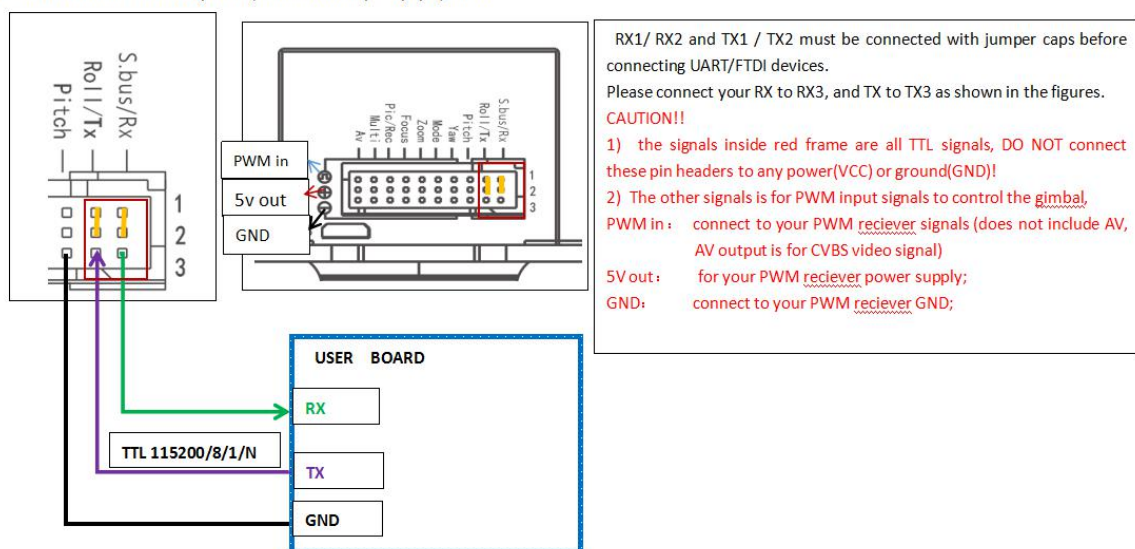
USB to TTL cable GND ----- Gimbal GND (as shown in below image)

USB to TTL cable TX ----- TX (printed on Viewpro gimbal controller Z-3D)

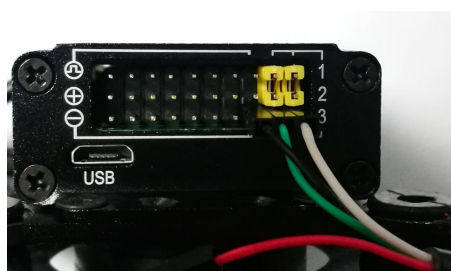
USB to TTL cable RX ----- RX (printed on Viewpro gimbal controller Z-3D)

Diagram:

TTL 3.3v UART baud : 115200/9600(some version), 8/1/N, HEX



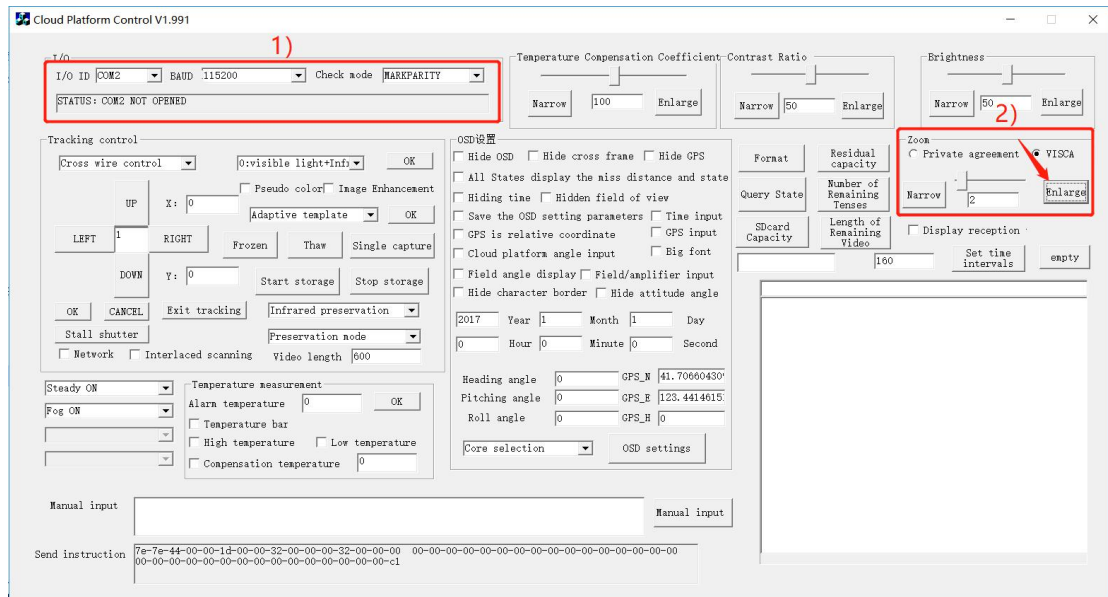
2) The USB to TTL cable connecting photo (Red 5V, Black GND, White RXD, Green TXD)



2. Install Software “Cloud Platform Control V1.991”, start it.

3. Test connection:

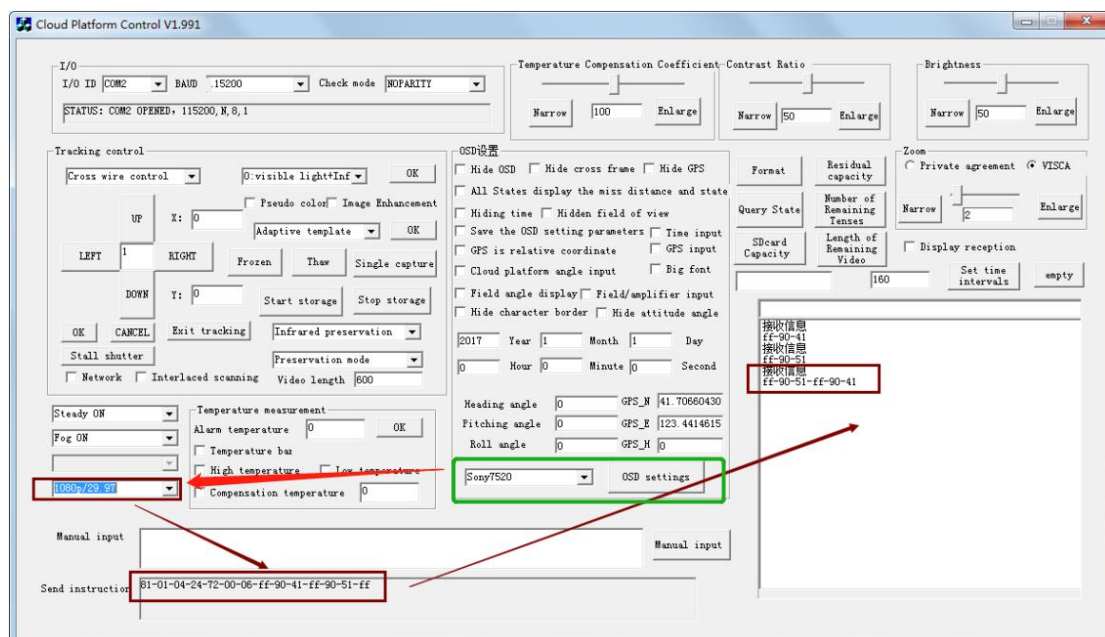
- 1) Power on the gimbal camera. Select the current port COM(X);
- 2) Click the “Enlarge”, then camera lens zoom, picture zoom, connecting well.



4. HDMI Output Frame Rate Change Setting Method

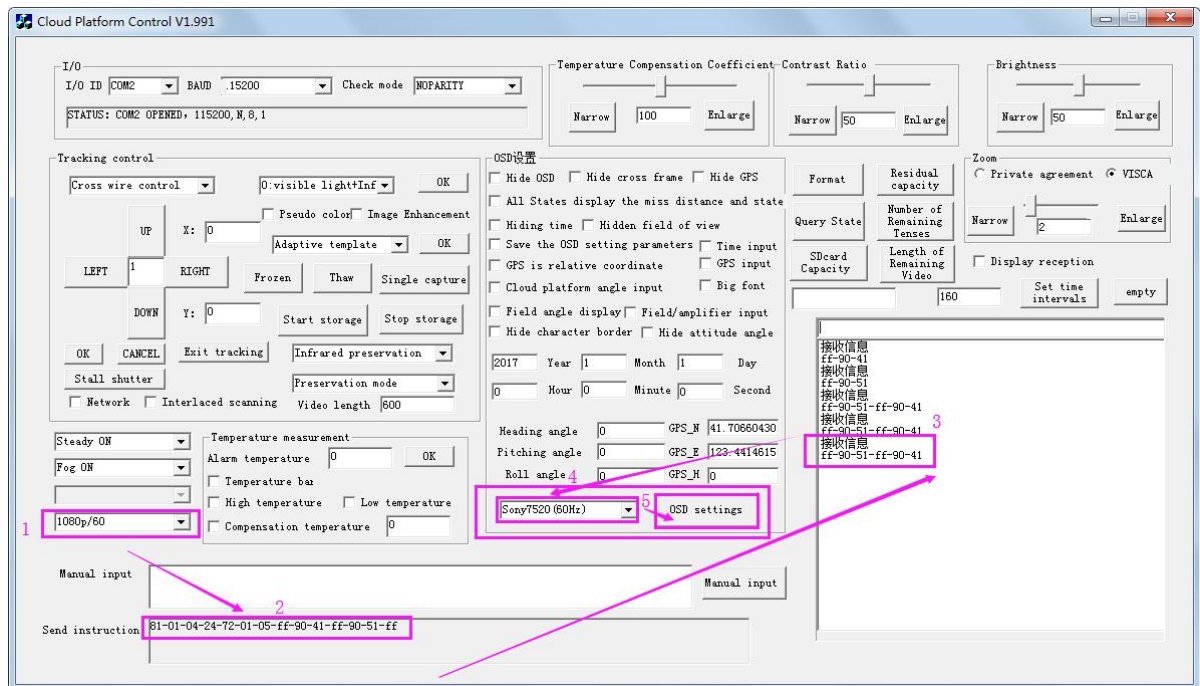
4.1 Change HDMI output frame rate to 1080p30

- 1) Select “Sony7520”, click “OSD settings”.
- 2) Select 1080p29.97 as shown below, relevant instructions will be sent, and feedback information of 90-41-ff-90-51-ff will be received at the same time. Then the change is successful.



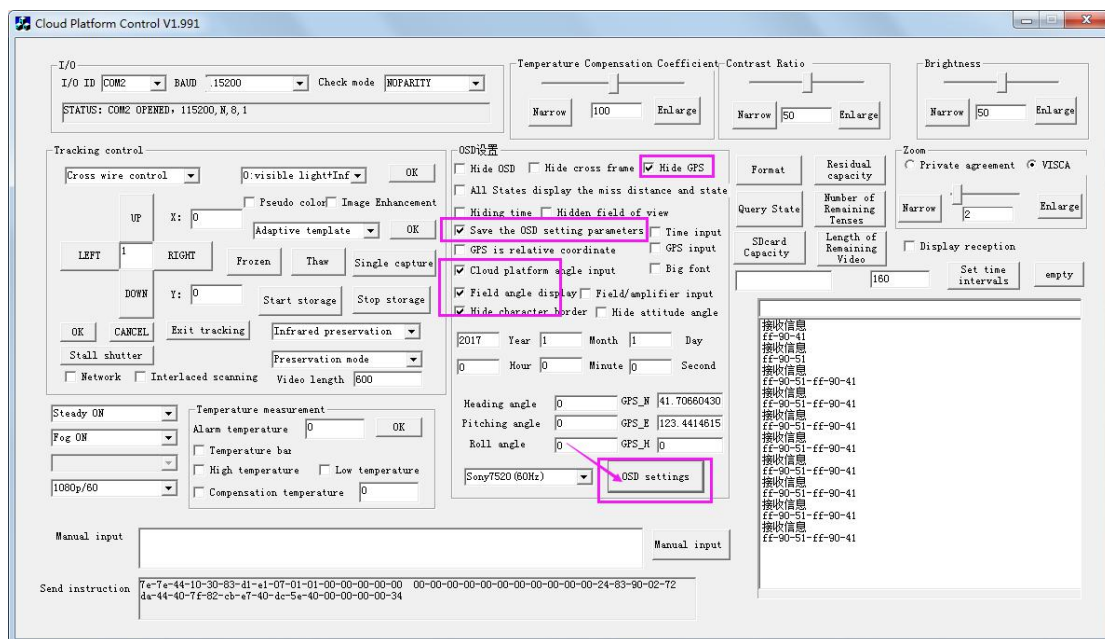
2.4 Change HDMI output frame rate to 1080p60

- 1) Select 1080p60 as shown below, relevant instructions will be sent, and feedback information of 90-41-ff-90-51-ff will be received at the same time.
- 2) Select Sony7520(60HZ) , click “OSD settings”. Then the change is successful.



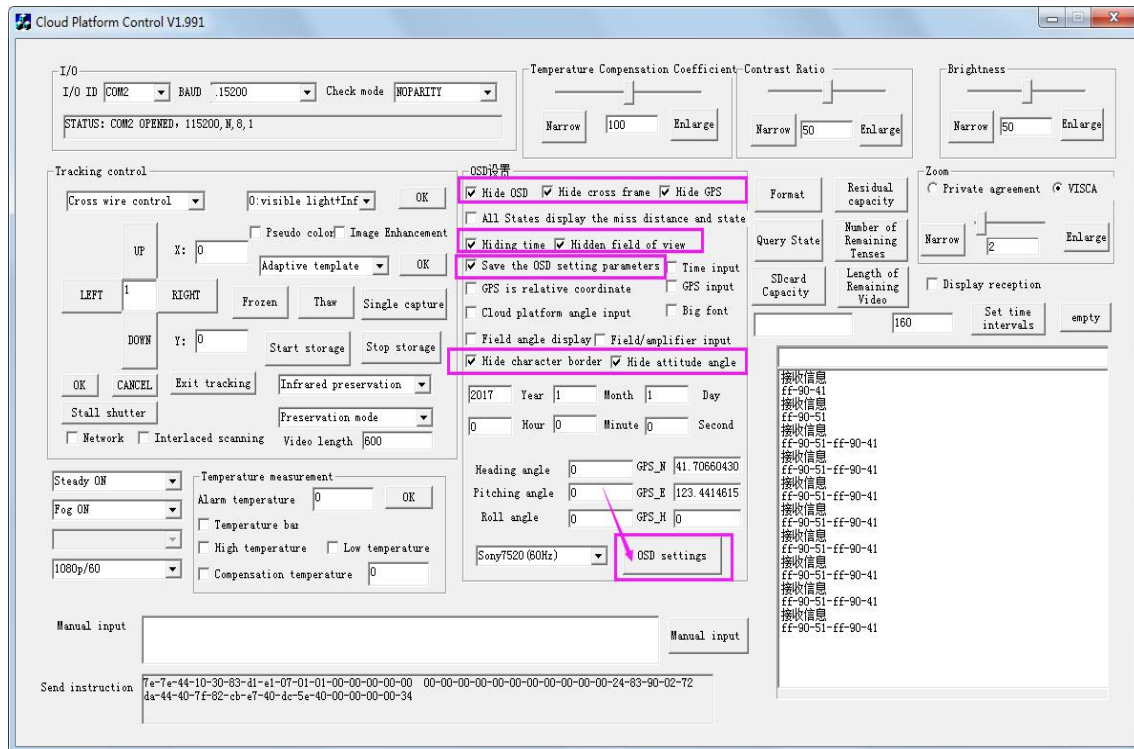
5. OSD display or hide settings

- 1) Select the options that you need to display on OSD, then select “Save the OSD setting parameters”, click “OSD settings”:



2) Hide all OSD

Uncheck the options you don't want to display, press “OSD settings”, then OSD hide.



Note: After the gimbal power on, click “Save the OSD setting parameters” and click “OSD settings”, the settings can be saved once. Click on “OSD settings” again it will not save again. Want to re-save the settings, you need to re-start the gimbal.